

SWAMP Safe-to-Swim Study, Labor Day 2008 -Before, During and After Labor Day Merced River at El Portal – “Patty’s Hole” (537MAR900)

Page 1 of 2

August 27, 2008 14:39PM



August 31, 2008 13:45PM



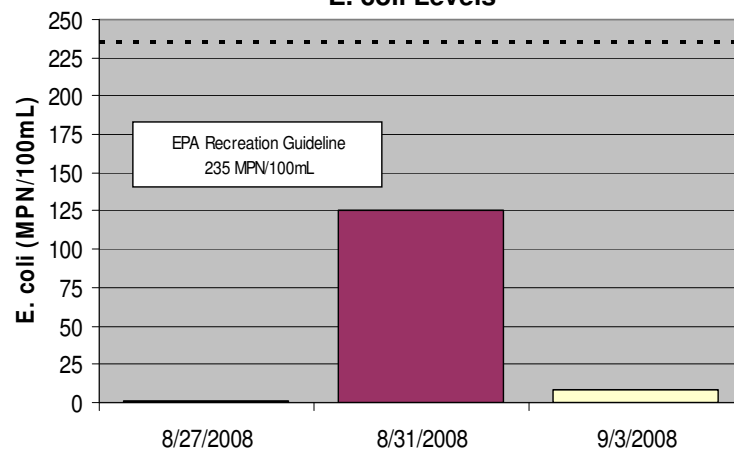
September 3, 2008 13:26PM



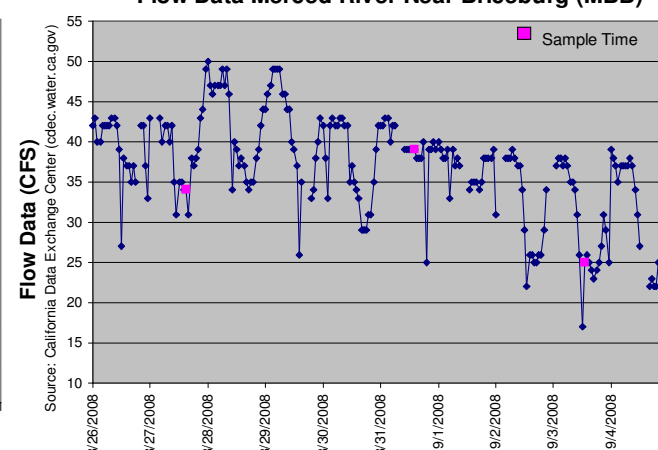
The Central Valley Regional Water Quality Control Board (CVRWQCB) conducted a region-wide Recreation Beneficial Use study, using *E. coli* as an indicator, with a guideline of 235 MPN/100mL. Funding for this study was made possible through the Surface Water Ambient Monitoring Program (SWAMP). Assistance with field collection was provided by a number of local watershed groups. Summary sheets for all sites included in this study can be found at:

http://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_studies/surface_water_ambient_monitoring/index.shtml

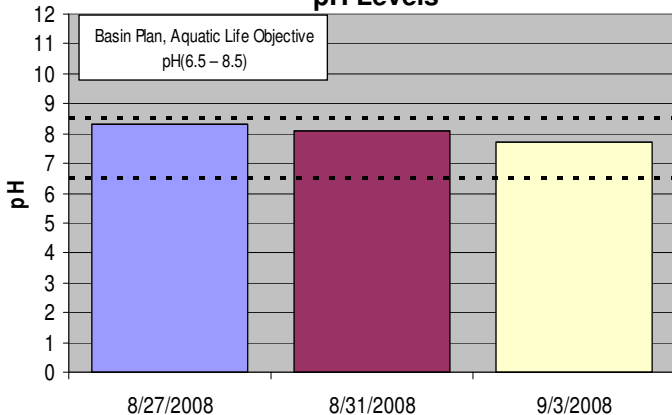
E. coli Levels



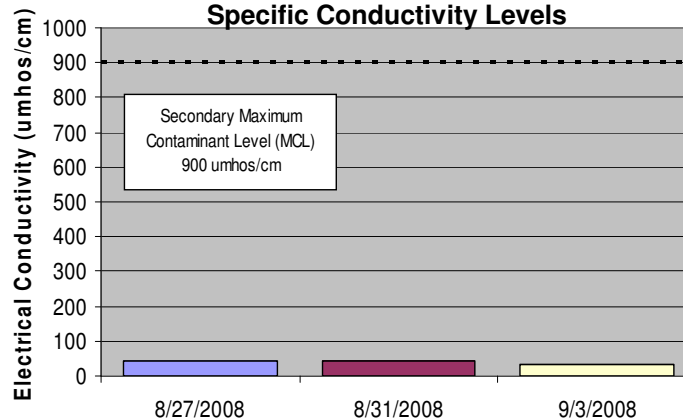
Flow Data Merced River Near Briceburg (MBB)



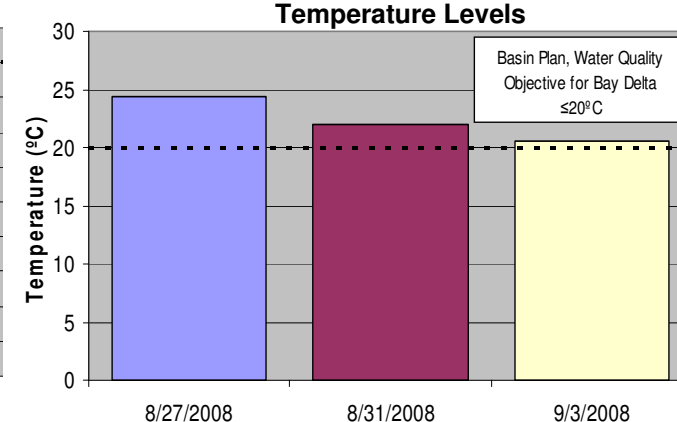
pH Levels



Specific Conductivity Levels



Temperature Levels



DRAFT DATA – SWAMP Safe-to-Swim Study, Labor Day 2008

Description of Sample Site: Merced River at El Portal – Patty's Hole
 SWAMP Site ID: 537MAR900
 Watershed: Merced River Watershed
 County: Mariposa
 Longitude: -119.787483
 Latitude: 37.672167

Constituent	Water Quality Guideline	Wednesday August 27, 2008	Sunday August 31, 2008	Wednesday September 3, 2008
E. coli (MPN/100 mL)	<235 MPN/100mL (EPA Contact Recreation Guideline)	1	125.9	8.5
Specific Conductivity (umhos/cm)	≤900 umhos/cm (Secondary Maximum Contaminant Level)	42	43	35
pH	6.5-8.5 (Basin Plan Objective)	8.33	8.11	7.7
Temperature (° Celsius)	≤20 °C (Basin Plan Objective for Bay-Delta)	24.3	21.95	20.62

•NOTES: Shaded table cells contain values that do not meet the water quality guidelines.